## UCCNHT0000454

## MATERIAL BALANCE ON RADIOACTIVE ISOTOPES OBTAINED BY M. Slem

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Shipment		Date	Quantity		on Hand	Comments
No.	Material	Received	Received	Date	Date	(Form of maternal, storage, disposal, denay, etc.)
	60		Correction	3.85 mc.	2.33 mc.	Material in form of 5 metallic pellets. Difference in quantity due to decay. Stored in lead con-
0	co <sup>60</sup>	June 1953	3.85 mc. NB548-96	6/53	4/57	tainer in main file.
			,	1.97 mc.	1.964 mc.	Material in form of Watt's type plating bath.
1	<sub>Ni</sub> 63	1/14/55	2 mc.	2/28/57	3/29/57	Stored in lead container, Room 204.
	27.0	Part Carlo		.185 Mc.	0	All material used for zinc activation for Job 4001.
3	Po <sup>210</sup>	8/30/55	0.67 mc.	2/28/57	3/29/57	All waste solution evaporated to dryness and dis- carded in radioactive waste container.
	27.0	12/27/55	0.79 mc.	41.78 Mc.	5.8 Mc.	Difference in quantity due to zinc activation Job 4001
in distribution di superingentale di superingent	Po <sup>210</sup>			2/28/57	3/29/57	
•	Ni63	12/28/55	3 mc.	2.96 mc.	2.95 mc.	Material in dilute HCl solution. Stored in lead container Room 204.
5				2/28/57	3/29/57	
	H3	3/29/56	150 mc.	142.6 mc.	141.9 mc.	Material present as gas. Stored in unopened container in hood of Room 204. Difference in quantity due to decay.
7				2/28/57	3/29/57	
	2		,	48.2 mc.	47.97 mc.	Material present as tritiated H <sub>2</sub> O. Difference in
8 -	н <sup>3</sup>	4/4/56	150 mc.	2/28/57	3/29/57	quantity due to decay. Stored in hood Room 204.
_	c14	10/2/		5 mc.	5 mc.	Unopened container stored in Room 204. Present
9	C++	5/8/56	5 mc.	2/28/57	2/28/57	as 0.1389 gram BaCO <sub>3</sub>
	H <sup>3</sup>	10/11/56	150 mc.	146.8 mc.	146.7 mc.	Material present as tritiated H <sub>2</sub> O (25 mc./g.) container unopened in hood of Room 204.
11				2/28/57	3/29/57	
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					Mary Transformers	Signed: Ea Tomes
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Date:	4/1/57
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## AREA SURVEY FOR RADIOACTIVE CONTAMINATION

Room No. 204-202

Instruments Used:

Nuclear-Chicago Model 1615B with thin end window counter model D-34

Measurements and Comments:

Survey of Rooms 202 and 204 shows no appreciable contamination. Wipes made on all flat surfaces gave no greater count than background.

Survey by: <u>Ea. Tome</u>